

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schwartz *et al.*  
Serial No. 09/630,627  
Filed: August 1, 2000  
For: TRIPHOSPHATE OLIGONUCLEOTIDE  
MODIFICATION REAGENTS AND  
USES THEREOF  
Art Unit: 1645  
Examiner: Unassigned

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Preliminary to the examination of the above-captioned application, please amend the application as follows:

**IN THE DRAWINGS:**

Please amend the drawings according to the attached set of figures, on which the amendments are indicated in red ink. Specifically, please amend Figures 5, 6, 7, and 8 to denote pH 7.4, as shown on the hand annotated pages.

**IN THE SPECIFICATION:**

Please amend the specification as follows:

at page 1, line 20, please replace "labelled" with —labeled—;

at page 1, line 21, please replace "labelling" with —labeling—;

at page 1, line 22, please replace "labelling" with —labeling—;

at page 1, line 23, please replace "labelled" with —labeled—;

at page 1, line 24, please replace "labelling" with —labeling—;

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at page 1, line 29, please replace "during amplification" with  
—amplification—;

at page 2, line 2, please replace "involve" with —involving—;

at page 2, line 4, please replace "is used to forme a" with —are used to  
form—;

at page 2, line 6, please replace "labelling" with —labeling—;

at page 2, line 19, please replace "labelling" with —labeling—;

at page 2, line 21, please replace "labelling" with —labeling—;

at page 2, line 24, please replace "labelled" with —labeled—;

at page 4, line 4, please replace "recognition" with —recognition—;

at page 4, line 7, please replace "are" with —as—;

at page 4, line 20, please replace "FIGURE 1" with —FIGURE 2—;

at page 4, line 21, please replace "acids" with —acid—;

at page 5, line 27, please replace "dervative" with —derivative—;

at page 8, line 29, please replace "diagnositics" with —diagnostics—;

at page 12, line 27, please replace "FIGURE 2" with —FIGURE 1—;

at page 14, line 7, please replace "monomer provided" with —monomer,  
is provided—;

at page 14, line 9, please replace "chains." with —chains are provided.—;

at page 14, line 20, please replace "exemplefied" with —exemplified—;

at page 15, line 28, please replace "acids" with —acid—;

at page 16, line 4, please replace "group" with —groups—;

at page 17, line 14, please replace "robonucleic" with —ribonucleic—;

at page 19, line 3, please replace "tert-penytyl" with —pentyl—;

at page 20, line 31, please replace "imidazinyI" with —imidazolyl—;

at page 23, line 4, please replace "bivalent" with —divalent—;

at page 23, line 18, please replace "bivalent" with —divalent—;

at page 23, line 31, please replace "bivalent" with —divalent—;  
at page 24, line 13, please replace "bivalent" with —divalent—;  
at page 24, line 27, please replace "bivalent" with —divalent—;  
at page 25, line 6, please replace "bivalent" with —divalent—;  
at page 25, line 18, please replace "bivalent" with —divalent—;  
at page 25, line 19, please replace "bivalent" with —divalent—;  
at page 25, line 20, please replace "bivalent" with —divalent—;  
at page 25, line 21, please replace "bivalent" with —divalent—;  
at page 25, line 22, please replace "bivalent" with —divalent—;  
at page 25, line 23, please replace "bivalent" with —divalent—;  
at page 25, line 25, please replace "bivalent" with —divalent—;  
at page 25, line 26, please replace "bivalent" with —divalent—;  
at page 25, line 27, please replace "bivalent" with —divalent—;  
at page 25, line 29, please replace "bivalent" with —divalent—;  
at page 25, line 30, please replace "bivalent" with —divalent—;  
at page 27, line 6, please replace "recognition" with —recognition—;  
at page 27, line 26, please replace "dervative" with —derivative—;  
at page 29, line 17, please replace "dervative" with —derivative—;  
at page 31, line 8, please replace "dervative" with —derivative—;  
at page 32, line 30, please replace "dervative" with —derivative—;  
at page 34, line 29, please replace "acids" with —acid—;  
at page 37, line 24, please replace "acids" with —acid—;  
at page 43, line 10, please replace "acids" with —acid—;  
at page 48, line 8, please replace "succinimidyl, esters" with  
—succinimidyl esters,—;  
at page 50, line 4, please replace "know" with —known—;  
at page 52, line 13, please replace "for" with —from—;

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- at page 52, line 14, please replace "sutdies" with —studies—;
- at page 52, line 14, please replace "teh" with —the—;
- at page 53, line 10, please replace "fo" with —of—;
- at page 58, line 1, please replace "Powell" with —Powers—;
- at page 59, line 15, please replace "eectronic" with —electronic—;
- at page 59, line 31, please replace "matrix" with —matrix.—;
- at page 61, line 31, please replace "Raction" with —Reaction—;
- at page 62, line 11, please replace "affor" with —afford—;
- at page 65, line 14, please replace "ofrmula" with —formula—;
- at page 74, line 28, please replace "modidified" with —modified—;
- at page 75, line 10, please replace "E. coli," with —*E. coli*,—;
- at page 75, line 23, please replace "Abhay" with —Kumar—;
- at page 75, line 31, please replace "dervatized" with —derivatized—;
- at page 77, line 26, please replace "witch" with —which—;
- at page 78, line 1, please replace "soln" with —solution—;
- at page 78, line 13, please replace "was added by" with —added by—;
- at page 78, line 13, please replace "tempeture" with —temperature—;
- at page 79, line 22, please replace "radiolabelled" with —radiolabeled—;
- at page 80, line 6, please replace "teperature" with —temperature—;
- at page 80, line 9, please replace "Fluorescnt" with —Fluorescent—;
- at page 80, line 10, please replace "ont" with —onto—;
- at page 80, line 24, please replace "<sup>32</sup>P-labelling" with —<sup>32</sup>P-labeling—;
- at page 80, line 26, please replace "raction" with —reaction—;
- at page 81, line 1, please replace "kit and samples ere" with —kit, and samples were—;
- at page 81, line 2, please replace "stored" with —stored at—;
- at page 81, line 12, please replace "containd" with —contained—;